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(54) Title: PROCESS FOR THE PREPARATION OF A POLYOLEFIN

(57) Abstract: The invention related to a process for the polymerization of at least one aliphatic C₂₋₂₀ or aromatic C₄₋₂₀ hydrocarbyl mono- or multiolefin in the presence of a catalyst and an aluminum comprising co-catalyst, wherein the catalyst comprises a composition of a metal-organic reagent, a spectator ligand and optionally at least one equivalent of a hydrocarbylating agent. The invention further relates to a polymer obtainable by the process of the invention.

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